Search Forms
Search Results
Help
User Searches
Preferences
Logout

Refine Search

Search Results -

Terms	Documents
711/217	625

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

Refine Search

Recall Text   Clear   Interrupt

Search History

DATE: Tuesday, July 13, 2004   Printable Copy   Create Case

Set Name	Query	Hit Count	Set Name
side by side			result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L38	711/217	625	L38
L37	711/216	390	L37
L36	715/533	294	L36
L35	data near elements near dictionary	69	L35
L34	715/513	1701	L34
L33	L32 and values	110	L33
L32	L31 and data near element	111	L32
L31	key near definit$	1072	L31
L30	L29 and (database or data with base) near (id or identifi$)	111	L30
L29	L28 and display$	800	L29
L28	L27 and template	903	L28
L27	L26 and field	6805	L27
L26	key near value	10070	L26
L25	705/35	2005	L25

L24	L23 and (tasks or duties or jobs)	25	L24
L23	"financial service organization"	55	L23
L22	705/44	865	L22
L21	L19 and key near definiti$	0	L21
L20	L19 and key near value	0	L20
L19	L17 and report	147	L19
L18	L17 and key near3 value	15	L18
L17	(financial near service near organiz$ or fso)	1766	L17
L16	L15 and (financial near service near organiz$ or fso)	0	L16
L15	l13 and break	228	L15
L14	"break key definition"	0	L14
L13	L12 and configur$	521	L13
L12	key near definition	918	L12
L11	break near key near definition	0	L11
L10	705/1	4810	L10
L9	705/5	808	L9
L8	(multilevel or multi-level) near business near organization	5	L8
L7	707.clas.	21422	L7
L6	707/100	4822	L6
L5	707/103r	1403	L5
L4	L3 and (fso or "financial service organization")	0	L4
L3	L2 and process$	2287	L3
L2	L1 and display$	2437	L2
L1	relationship near objects	3783	L1

END OF SEARCH HISTORY

☐ [Generate Collection] [Print]

L30: Entry 90 of 111   File: USPT   Jul 25, 2000

US-PAT-NO: 6094649
DOCUMENT-IDENTIFIER: US 6094649 A

TITLE: Keyword searches of structured databases

DATE-ISSUED: July 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowen; Stephen J	Sandy	UT		
Brown; Don R	Salt Lake City	UT		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
PartNet, Inc.	Salt Lake City	UT			02

APPL-NO: 08/ 995700   [PALM]
DATE FILED: December 22, 1997

INT-CL: [07] G06 F 17/30

US-CL-ISSUED: 707/3; 707/5, 707/4
US-CL-CURRENT: 707/3; 707/4, 707/5

FIELD-OF-SEARCH: 707/1, 707/2, 707/3, 707/4, 707/5, 707/531, 707/532, 707/500

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

[Search Selected] [Search ALL] [Clear]

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	5375235	December 1994	Berry et al.	707/5
☐	5469354	November 1995	Hatakeyama et al.	707/3
☐	5546578	August 1996	Takada	707/5
☐	5685003	November 1997	Peltonen et al.	707/531
☐	5787295	July 1998	Nakao	707/500
☐	5787421	July 1998	Nomiyama	707/5
☐	5799184	August 1998	Fulton et al.	707/2
☐	5832479	November 1998	Berkowitz et al.	707/3

☐	<u>5845273</u>	December 1998	Jindal	707/1
☐	<u>5845305</u>	December 1998	Kujiraoka	707/532
☐	<u>5848409</u>	December 1998	Ahn	707/3
☐	<u>5848410</u>	December 1998	Walls et al.	707/4

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"Knowledge Network: Fulcrum's Leading Edge Technology", J. Blair, Gartner Group, Mar. 26, 1997, pp. 1-2.
"Managing Text with Oracle8 ConText Cartridge", Uknown, Oracle Corporation, 1997, pp. 1-10.
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"Strategic Direction in Electronic Commerce and Digital Libraries: Towards a Digital Agora", N. Adam et al., ACM Computing Surveys, vol. 28, No. 4, Dec. 1996, pp. 818-835.
"Sybase SQL Anywhere Professional and the Internet", Uknown, Sybase, Inc., 1997, pp. 1-8.
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"The TSIMMIS Approach to Mediation: Data Models and Languages", H. Garcia-Molina et al., Stanford University, Unknown, pp. 1-17.
"Unlocking the Value of Text with Oracle ConText Cartridge", F. Litman, Oracle Corporation, 1994-97, pp. 1-3.
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"Yahoo!", uknown, Yahoo! Inc., 1994-97, p. 1.

ART-UNIT: 271

PRIMARY-EXAMINER: Alam; Hosain T.

ASSISTANT-EXAMINER: Pardo; Thuy

ATTY-AGENT-FIRM: Computer Law++

ABSTRACT:

Methods and systems are provided for supporting keyword searches of data items in a
structured database, such as a relational database. Selected data items are
retrieved using an SQL query or other mechanism. The retrieved data values are
documented using a markup language such as HTML. The documents are indexed using a
web crawler or other indexing agent. Data items may be selected for indexing by
identifying them in a data dictionary. The indexing agent produces an index that
associates keywords with resource locators such as URLs, hot links, file paths, or
distinguished names. After a user provides a keyword to a search engine interface,
the index is used to obtain a resource locator that is associated with the keyword.
The resource locator is used to retrieve the item's current data from the
structured database. A document containing the retrieved data is then generated and
provided to the user.

45 Claims, 4 Drawing figures

☐ ▆Generate Collection▆ ▆Print▆

   L33: Entry 3 of 110   File: PGPB   Dec 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030233619
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030233619 A1

TITLE: Process for locating data fields on electronic images of complex-structured
forms or documents

PUBLICATION-DATE: December 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Fast, Bruce Brian	Whitehorse		CA	

APPL-NO: 10/ 384040   [PALM]
DATE FILED: March 10, 2003

RELATED-US-APPL-DATA:
Application is a non-provisional-of-provisional application 60/383930, filed May
30, 2002,

INT-CL: [07] G06 F 15/00

US-CL-PUBLISHED: 715/517
US-CL-CURRENT: 715/517

REPRESENTATIVE-FIGURES: 2

ABSTRACT:

A process for locating data fields on electronic images of complex-structured forms
or documents. with the steps of: locating the approximate location of one field of
data, of establishing the precise location of data based upon the approximate
location, of establishing the approximate locations of a plurality of fields of
data based upon the precisely located data, and of establishing the precise
location of data for a plurality of the fields based upon the approximate
locations.

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application is based on provisional application serial No. 60-383930,
filed on May 30, 2002.

☐ ▓ Generate Collection ▓ Print

L33: Entry 3 of 110   File: PGPB   Dec 18, 2003

DOCUMENT-IDENTIFIER: US 20030233619 A1
TITLE: Process for locating data fields on electronic images of complex-structured
forms or documents

Detail Description Paragraph:
[0084] Step (207), as documents frequently have a very form-like header, any of the
available prior art template forms processing techniques can be used to do forms id
on the header of the page, and once they have located the consistent header, one of
the data elements of said header can be used as a `key field` for this processing.
(In fact it is reasonable with many forms that have a consistent header, but
complex structure in a table section to use prior art forms processing techniques,
then use the technology defined here to parse said table section.)

Detail Description Paragraph:
[0088] Other techniques for locating a `key field` could be used without
diminishing the value of this technology.

Detail Description Paragraph:
[0091] Once we know where said found data for said key field is, we use the known
characteristics of said field to determine a point that correlates said found data
with the exemplar data associated with the definition of said key field. Consider
how this is done with four examples:

Detail Description Paragraph:
[0094] Other information returned by analysis technology could reasonably be
integrated without diminishing from the value of this work.

☐ ▓▓▓ Generate Collection ▓▓▓ | Print |

L35: Entry 41 of 69   File: USPT   Mar 2, 1999

DOCUMENT-IDENTIFIER: US 5878419 A
TITLE: Method for creating a relational description of a formatted transaction

Detailed Description Text (13):
The transaction starts with the transaction set header. The term "ST*850" indicates
that the transaction is a purchase order. The present invention operates with
transaction format definitions generally, including the X12 transaction set
definition for a purchase order. The X12 transaction set definitions define each
type of transaction as a sequence of data segments, using a data segment directory
that defines each type of data segment as a sequence of data elements and/or
composite data structures, a composite data structure directory that defines each
type of composite data structure as a sequence of component data elements, and a
data element dictionary that defines the format of individual data elements.

L35: Entry 41 of 69   File: USPT   Mar 2, 1999

US-PAT-NO: 5878419
DOCUMENT-IDENTIFIER: US 5878419 A

TITLE: Method for creating a relational description of a formatted transaction

DATE-ISSUED: March 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Carter; Stephen R.	Spanish Fork	UT		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Novell, Inc.	Provo	UT			02

APPL-NO: 08/ 782379· [PALM]
DATE FILED: January 13, 1997

INT-CL: [06] G06 F 17/30

US-CL-ISSUED: 707/10
US-CL-CURRENT: 707/10

FIELD-OF-SEARCH: 707/10

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected   Search ALL   Clear

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4769772	September 1988	Dwyer	364/300
☐	4805099	February 1989	Huber	364/300
☐	4891785	January 1990	Donohoo	364/900
☐	4930071	May 1990	Tou et al.	364/300
☐	4951196	August 1990	Jackson	364/401
☐	5202977	April 1993	Pasetes, Jr. et al.	395/500
☐	5212787	May 1993	Baker et al.	395/600
☐	5230075	July 1993	Premerlani et al.	707/1
	5257366	October 1993	Adair et al.	395/600

☐

☐	5265065	November 1993	Turtle	395/600
☐	5367675	November 1994	Cheng et al.	395/600
☐	5375070	December 1994	Hershey et al.	395/200.54
☐	5398199	March 1995	Lefons	364/735
☐	5408652	April 1995	Hayashi et al.	395/600
☐	5410675	April 1995	Shreve et al.	395/500
☐	5416917	May 1995	Adair et al.	395/500
☐	5499358	March 1996	Nevarez	395/600
☐	5535322	July 1996	Hecht	705/1
☐	5608874	March 1997	Ogawa et al.	395/200.76
☐	5712989	January 1998	Johnson et al.	705/28
☐	5715397	February 1998	Ogawa et al.	395/200.76

OTHER PUBLICATIONS

"Electronic Data Interchange", Draft, ANSI ASC X12 Committee, American Standards Institute, Dec. 1990, Selected Pages.

ART-UNIT: 271

PRIMARY-EXAMINER: Amsbury; Wayne

ATTY-AGENT-FIRM: Compurter Law

ABSTRACT:

Methods for creating and using a relational description of a formatted transaction while maintaining data element context are provided. The formatted transaction can be in electronic data interchange (EDI) format or another structured transaction format. A computer receiving the formatted transaction generates or is provided with a set of assignments of unique persistent tags to all possible data element contexts that are of interest. As the transaction is being parsed, each of its data elements is tagged with the appropriate unique persistent tag that identifies its context. Each data element is then written to a field in a relation in which the column name of the field matches the unique persistent tag. Data elements that can occur only once in a transaction are written to a root relation, while data elements that can occur multiple times are written to a subrelation. Data elements that can occur multiple times within a group of data elements that itself can iterate as a group are written to a nested subrelation, up to any depth of nesting allowed by the transaction format definition. The invention also provides a method for constructing a transaction from a relational description.

36 Claims, 21 Drawing figures

☐ | Generate Collection | | Print |

L35: Entry 46 of 69   File: USPT   Apr 14, 1998

US-PAT-NO: 5740457
DOCUMENT-IDENTIFIER: US 5740457 A

TITLE: Electronic dictionary, its production method, and index compression and decompression device

DATE-ISSUED: April 14, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shiomi; Takakazu	Osaka			JP

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Matsushita Electric Ind.	Osaka			JP	03

APPL-NO: 08/ 609358   [PALM]
DATE FILED: March 1, 1996

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
JP	7-044565	March 3, 1995

INT-CL: [06] G06 F 12/00

US-CL-ISSUED: 395/795; 395/421.06, 395/421.07, 395/421.1
US-CL-CURRENT: 715/533; 711/216, 711/217, 711/220

FIELD-OF-SEARCH: 395/750-760, 395/794-95, 395/616, 395/421.1, 395/421.06, 395/421.07, 395/421.03

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

| Search Selected | | Search ALL | | Clear |

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	5136699	August 1992	Yokoyama	395/421.1
☐	5210853	May 1993	Nakasuji	395/601
☐	5522053	May 1996	Yoshida	395/421.03
☐	5592637	January 1997	Matsuo	395/584

☐ 5608886   March 1997   Blomgren   395/586

☐ 5611065   March 1997   Alferness   395/421.1

☐ 5655139   August 1997   Thomson   395/800.32

OTHER PUBLICATIONS

P. Bujakiewicz, "Determination of Perturbation Index of a DAE with Maximum Weighted Matching Algorithm", pp. 129-136, May 1994.
"Data Structure and Program Technique," by Ogiwara et al., pp. 172-176, 1987 (with partial translation).

ART-UNIT: 237

PRIMARY-EXAMINER: Black; Thomas G.

ASSISTANT-EXAMINER: Mizrahi; Diane

ATTY-AGENT-FIRM: Price, Gess & Ubell

ABSTRACT:

An electronic dictionary comprises a dictionary medium; dictionary data composed of a plurality of dictionary data elements and stored in the dictionary medium; and an index file showing storage positions of all dictionary data elements and being stored in the dictionary medium, wherein the index file is a differential index in which each item is expressed by a differential between a pointer showing a storage position of a dictionary data element and a given function value, with each item of the differential index being expressed by a bit length equal to or shorter than maximum bit length for showing a storage position of a dictionary data element.

10 Claims, 35 Drawing figures